

United States Department of Agriculture.

SERVICE AND REGULATORY ANNOUNCEMENTS.

BUREAU OF ANIMAL INDUSTRY.

OCTOBER, 1923.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY.

Meat Inspection Granted.

- *68. Usavit Packing Co., Commonwealth Avenue, Bristol, Va.
- 163. J. A. Brewer & Sons, Pennsylvania Avenue, Hagerstown, Md.
- 219. V. Kordalewski, 5 Orchard Avenue, Johnston, R. I.
- 500. Cloverdell Packing Co., 566 Centennial Avenue, Trenton, N. J.
- 906. J. H. Miller, 566 Center Street, Trenton, N. J.
- *922. August Young & Son, Laconia Street, Lexington, Mass.

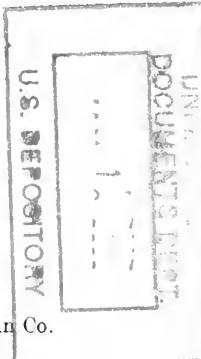
Meat Inspection Extended.

- 2-AC. Armour & Co. (Ltd.), Shreveport, La., to include Morris & Co.
- 10. Baker Food Products Co., Chicago, Ill., to include Rival Packing Co.
- 411. Vermont Butterine Co., Providence, R. I., to include Mayfair Margarin Co.

Meat Inspection Withdrawn.

- 3-NN. Swift & Co., Dover, N. J.
- 21. The Oakdale Manufacturing Co., and National Dairy Co., Narragansett Dairy Co. (Ltd.), Goshen Manufacturing Co., Providence, R. I.
- *68. Virginia Packing Co. (Inc.), Bristol, Va.
- *91. Urbana Packing Co., and The Nox All Provision Co., Urbana, Ohio.
- 110. The High Grade Shortening Co., Baltimore, Md.
- 232. Kellogg Products (Inc.), Buffalo, N. Y.

* Conducts slaughtering.



Change in Name of Official Establishment.

438. Rutherford Chile Co., 1619 East Eighth Street, Kansas City, Mo., instead of Rutherford Flavorings Co.

*889. S. Katz Packing Co., South St. Paul, Minn., instead of Katz & Horne Packing Co.

Change in Address of Official Establishment.

903. William A. Doe Co., Boston, Mass., from 34 Merchants Row, to 37-39 South Market Street, mail: 34 Merchants Row.

Change in Address of Official in Charge.

Dr. J. B. Hill, Bristol, Va., office at Usavit Packing Co., instead of office at Virginia Packing Co.

B. L. McCaslin, Helena, Ark., from care Armour & Co., to P. O. box 261 (office at Armour & Co.).

Dr. R. H. Nutt, Henderson, Ky., from P. O. box 272 to P. O. box 56.

Add to Address List.

Dr. Oscar Nelson, 308 Federal Building, Burlington, Vt.

Remove from Address List.

Dr. C. C. Conley, Burlington, Vt.

Dr. P. J. Huffman, Urbana, Ohio.

Station Discontinued.

Urbana, Ohio.

Substation Added.

Hagerstown, Md., meat inspection, substation of Washington, D. C.
Johnstown, R. I., meat inspection, substation of Providence, R. I.
Lexington, Mass., meat inspection, substation of Boston, Mass.

Substation Discontinued.

Dover, N. J., meat inspection, substation of Newark, N. J.

NOTICES REGARDING MEAT INSPECTION.**APPROVAL OF LABELS AND OTHER MARKINGS ON MEAT AND PRODUCTS.**

With the view to simplifying the approval of labels and other markings on meat and products there is authorized the following procedure supplementing that outlined in Service and Regulatory Announcements of August, 1923:

1. Wrappers bearing only floral or foliage designs, or illustrations of rabbits, chicks, fireworks, or other emblematic holiday designs, such as wrappers commonly used during the Christmas and Easter seasons, need not be submitted to the Washington office for approval but may be used upon permission of the inspector in charge. Such wrappers may bear, in addition, holiday greetings, such as "Merry Christmas," "Happy New Year," "Compliments of the Season," etc., and the name or name and address of the establishment, or the name or name and address of the distributor if properly qualified by the word "Distributor," or a statement showing the product to be prepared for such party.

2. Such wrappers must be submitted for approval if they bear illustrations of animals the carcasses of which are amenable to the Federal meat-inspection regulations; illustrations of corn, nuts, or other materials recognized as feedstuffs for such animals; or statements not within the scope of those outlined above.

3. The foregoing does not authorize the omission of trade labels or other markings required under the regulations, but the application of approved labels to such illustrated wrappers does not necessitate the approval of the wrappers themselves.

4. The approval of the name of a product in singular form on stencils, box dies, and brands authorizes the modification of such markings by substituting the name in its plural form, and, conversely, the approval of a plural name authorizes the use of that in singular form.

5. A slight change in arrangement of directions pertaining to the opening of cans or the serving of the product, or in the application of the name of the establishment or distributor or qualifications accompanying such name, or the omission or addition

* Conducts slaughtering.

of the words "Net weight" qualifying the figures denoting quantity, does not necessitate individual approval of labels involved.

6. It is urged that an examination be made promptly of existing label files and that there be forwarded to the Washington office a list of all materials which are obsolete or the approval of which is unnecessary under present rulings. When the reported materials are duplicates of other approvals within the scope of recent rulings the reference to the duplications should be accompanied, in each case, by the number of the approval which is to remain in effect. A frequent examination of the files should be made with the view to determining and reporting obsolete materials in order that the current files may be reduced to a minimum.

7. When approvals or labels and other materials are rescinded or temporary permission incident to their use expires, such materials should be removed from the bureau-station files and stored in a proper place for a period of two years following the date of rescindment or expiration of the time limit, after which period the materials may be destroyed.

CERTIFICATE FOR MEATS EXPORTED TO CANADA.

The Canadian authorities have approved the bureau's regular export certificate for meat and meat food products exported to Canada, and therefore the additional form of Canadian certificate specified in Circular Letter No. 1011, dated October 27, 1920, and in paragraph 4, section 3, Regulation 24 of B. A. I. Order 211 (Revised), is no longer required. However, in the interests of economy, supplies of export certificates with the special Canadian form appearing on the reverse side should be utilized for consignments to Canada without execution of the Canadian form.

APPLICATION OF DOMESTIC-MEAT LABELS TO CONTAINERS.

The bureau continues to receive reports of the loss of domestic-meat labels from containers of mess pork, lard, compound, and other meat and products. Inspectors are requested to renew their efforts to have domestic-meat labels securely affixed, and failure on the part of any establishment to comply with these requirements should be reported to the Washington office. In occasional instances in which the domestic-meat label becomes detached inspectors may permit the application of the domestic-meat label of the distributing establishment in lieu of the original label.

REPORTING DISPOSITION OF CARCASSES RETAINED FOR CYSTICERCUS BOVIS.

For the purpose of uniformity and accuracy in recording the disposition of carcasses retained on account of *Cysticercus bovis*, the methods indicated below are to be used in the M. I. Form 112F and M. I. Form 112D reports.

M. I. Form 112F.—When the carcass is to be held for refrigeration the capital letter R is to be written on the right-hand margin of the form and near to the mark showing the disposition. (The letter R is used as a symbol for the phrase "Held for refrigeration.")

M. I. Form 112D.—For carcasses passed for food without restriction enter the number on the "Cysticercus" line and in the column headed "Passed without Restriction"; report no other carcasses in this particular space. For carcasses held for refrigeration enter the figures and the capital letter R on the "Cysticercus" line and in the column headed "Diagnosis"; make no other notation or entry in this space. However, if it is known that a carcass held for refrigeration is to be cooked or sterilized or if it is the regular practice of the establishment to dispose of the carcasses in this manner, such carcasses should not be recorded in the "Diagnosis" column but should be shown on the "Cysticercus" line in the column headed "Passed for Sterilization"; report no other carcasses in this particular space. Carcasses which are condemned, of course, will be entered in the column provided for such record. Inspectors in charge are requested to see that reports from their respective stations conform to these instructions.

M. I. Forms 112 and 130.—In rendering these forms the number of carcasses held for refrigeration should be included in the sterilization columns.

LINING MEAT TIERCES.

The inspector in charge of the meat-inspection service at one of the large stations recommends a preventive against soiling meats with wood fiber, rust particles, etc., particularly S. P. hams and shoulders, packed in closed tierces for storage or shipment, as follows:

"Line tierce with muslin made in the form of a sack sufficiently long, and fold the end over the top of the meat when the tierce is filled. This protects the meat from soiling, which so often occurs under the old method of handling."

The inspector reports that lining tierces as described and practiced at his station is economical as compared with the expense of scraping and trimming the product.

**ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION
SEPTEMBER, 1923.**

Station.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Baltimore.....	7,558	1,246	6,586	.....	74,504
Brooklyn.....	5,458	5,362	28,229	.....	.....
Buffalo.....	8,250	3,189	9,437	.....	62,317
Chicago.....	175,245	34,358	230,239	530	500,972
Cleveland.....	9,019	7,194	10,434	.....	68,515
Fort Worth.....	41,317	45,555	8,316	743	33,460
Jersey City.....	4,282	9,574	28,791	.....	55,883
Kansas City.....	125,810	44,568	98,604	2,191	267,150
National Stock Yards.....	38,326	10,527	23,525	477	119,866
New York.....	23,958	35,138	128,910	64	81,741
Omaha.....	73,360	7,301	135,156	2	160,955
Philadelphia.....	8,876	5,624	18,505	.....	96,270
St. Louis.....	16,644	3,280	4,855	1	130,875
Sioux City.....	22,213	2,063	9,178	1	94,346
South St. Joseph.....	34,251	7,090	45,799	6	105,747
South St. Paul.....	35,385	28,851	39,297	.....	133,471
All other establishments.....	179,853	87,173	163,699	720	1,224,278
Total: September, 1923.....	809,810	338,093	989,560	4,735	3,212,350
September, 1922.....	796,377	353,095	1,013,281	3,315	2,747,467
9 months ended September, 1923.....	6,607,853	3,390,327	8,589,401	16,305	37,761,320
9 months ended September, 1922.....	6,155,709	3,142,375	8,207,885	8,738	30,262,600

Horses slaughtered at all establishments, September, 1923, 261. Inspections of lard prepared at all establishments, 128,041,362 pounds; compound and other substitutes, 32,871,554 pounds. Corresponding inspections for September, 1922: Lard, 126,682,554 pounds; compound and other substitutes, 35,164,500 pounds. (These totals do not represent actual production, as the same lard or compound may have been inspected and recorded more than once in the process of manufacture.)

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during September, 1923, with figures for other periods for comparison.

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico.....	2,451	.....	1,151	.....
Canada.....	19,046	46	6,776	24
Great Britain.....	127	.....	.....	.....
Total: September, 1923.....	21,624	46	7,927	24
September, 1922.....	70,689	38	27,272	208
9 months ended September, 1923.....	97,287	1,790	27,376	134
9 months ended September, 1922.....	130,491	1,497	65,850	7,561

Imports of meat and meat food products.

Country of export.	Fresh and refrigerated.		Canned and cured.	Other products.	Total weight.
	Beef.	Other.			
Argentina.....	Pounds. 190,165	Pounds. 86,540	Pounds. 87,900	Pounds.	Pounds. 364,605
Australia.....	.....	3,550	.....	.....	3,550
Brazil.....	.....	2,640	.....	.....	2,640
Canada.....	2,798,492	901,141	8,302	50	3,707,985
Uruguay.....	23,278	.....	636,704	.....	659,982
Other countries.....	450	706	82,246	7,837	91,239
Total: September, 1923.....	3,012,385	994,577	815,152	7,887	4,830,001
September, 1922.....	3,417,845	2,187,611	379,936	117,845	6,103,237
9 months ended September, 1923.....	8,101,605	8,437,448	9,236,647	825,762	26,601,432
9 months ended September, 1922.....	11,839,908	14,912,587	4,288,026	933,809	31,974,330

Refused entry in September, 1923: Mutton, 75 pounds; pork, 6 pounds; total, 81 pounds.

**SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION
WITH THE VARIOUS STATES, SEPTEMBER, 1923.**

State.	Tuberculin tests.			Total once-tested free herds.	Total accredited herds.	Total herds under supervision.	Inspector in charge.	State official.
	Herds or lots.	Cattle tested.	Cattle re-tested.					
Ala.	766	3,324	5	1,683	128	1,809	R. E. Jackson...	C. A. Cary, Auburn.
Ariz.	346	2,411	35	1,135	.....	1,344	F. L. Schneider...	S. E. Douglas, Phoenix.
Ark.	113	799	2	276	45	340	L. E. Lyons...	J. H. Bux, Little Rock.
Calif.	81	2,520	27	1,858	15	2,064	R. Snyder...	J. P. Iverson, Sacramento.
Colo.	17	572	83	82	12	127	W. E. Howe...	C. G. Lamb, Denver.
Conn.	94	2,277	492	1,009	279	1,326	R. L. Smith...	J. M. Whittlesey, Hartford.
Del.	88	834	80	1,144	602	2,391	W. G. Middleton...	O. A. Newton, Bridgeville.
D. C.	196	353	2	270	10	288	J. A. Kiernan...	
Fla.	279	3,786	60	4,446	210	5,384	J. G. Fish...	J. V. Knapp, Tallahassee.
Ga.	56	1,517	11	2,753	44	3,140	A. L. Hirshman...	P. F. Bahnsen, Atlanta.
Idaho.	743	5,696	6	10,888	145	12,692	W. A. Sullivan...	W. R. Smith, Boise.
Ill.	3,216	27,436	1,044	1,112	484	16,988	J. J. Lintner...	F. A. Laird, Springfield.
Ind.	1,506	13,618	166	18,735	4,009	25,310	E. B. Haskin...	R. C. Julien, Indianapolis.
Iowa.	838	18,567	565	6,153	2,500	11,296	J. A. Barger...	P. Malcolm, Des Moines.
Kans.	80	2,345	17	462	738	1,360	N. L. Townsend...	J. H. Mercer, Topeka.
Ky.	488	5,294	8	16,897	251	19,715	W. F. Biles...	W. H. Simmons, Frankfort.
La.	192	2,117	97	1,344	150	1,868	R. W. Tuck...	E. P. Flower, Baton Rouge.
Me.	592	4,361	34	13,669	1,271	15,316	J. B. Reidy...	H. M. Tucker, Augusta.
Md.	279	3,511	180	2,604	684	3,031	T. A. Ladson...	James B. George, Baltimore.
Mass.	66	1,355	185	241	98	361	E. A. Crossman...	L. H. Howard, Boston.
Mich.	3,810	35,677	831	32,969	430	39,002	T. S. Rich...	H. W. Norton, Jr., Lansing.
Minn.	3,095	55,805	1,934	5,206	2,984	9,495	W. J. Fretz...	C. E. Cotton, St. Paul.
Miss.	217	3,081	1	403	171	732	H. L. Fry...	H. Chadwick, Jackson.
Mo.	1,157	13,897	102	38,602	620	40,218	Ralph Graham...	H. A. Wilson, Jefferson City.
Mont.	256	3,376	19	14,368	142	15,212	J. W. Murdoch...	W. J. Butler, Helena.
Nebr.	27	1,156	0	11,558	387	14,035	C. H. Hays...	L. R. Cantwell, Lincoln.
Nev.	66	681	0	1,694	12	1,688	F. E. Murray...	Edward Records, Reno.
N. H.	144	1,357	89	1,632	282	2,443	E. A. Crossman...	A. L. Felker, Concord.
N. J.	156	2,279	340	346	176	529	W. G. Middleton...	J. H. McNeil, Trenton.
N. Mex.	1	18	0	1,682	3	1,888	F. L. Schneider...	Mat Keenan, Albuquerque.
N. Y.	2,090	35,878	5,721	12,852	1,572	18,348	H. B. Leonard...	H. J. Henry, Albany.
N. C.	3,761	9,361	70	71,925	58	77,196	A. J. De Posset...	Wm. Moore, Raleigh.
N. Dak.	357	5,789	32	6,645	1,484	9,783	H. H. Cohenour...	W. F. Crewe, Bismarck.
Ohio.	1,451	11,736	317	4,974	1,179	5,142	Paul Vaughn...	F. A. Zimmer, Columbus.
Okla.	56	1,541	17	226	375	7,709	L. J. Allen...	J. A. Whitehurst, Oklahoma.
Oreg.	1,329	9,538	93	16,174	268	16,442	S. B. Foster...	W. H. Lytle, Salem.
Pa.	316	4,501	125	6,682	2,120	10,368	P. E. Quinn...	T. E. Munce, Harrisburg.
R. I.	1	6	0	18	17	53	E. A. Crossman...	T. E. Robinson, Providence.
S. C.	195	2,004	28	\$30	148	3,660	W. K. Lewis...	W. K. Lewis, Columbia.
S. Dak.	56	2,119	15	312	276	649	J. O. Wilson...	A. E. Beaumont, Pierre.
Tenn.	517	2,773	0	586	303	11,941	E. I. Smith...	W. B. Lincoln, Nashville.
Tex.	67	4,446	21	179	127	440	H. Grafke...	L. G. Cloud, Fort Worth.
Utah.	926	3,718	32	7,536	99	8,355	F. E. Murray...	A. J. Webb, Salt Lake City.
Vt.	225	4,383	171	1,114	2,015	5,093	L. H. Adams...	E. S. Brigham, Montpelier.
Va.	604	4,819	65	1,040	1,041	2,359	R. E. Brookbank...	J. G. Ferneyhough, Richmond.
Wash.	892	8,973	205	16,866	149	17,599	J. C. Exline...	L. C. Pelton, Olympia.
W. Va.	140	2,203	19	3,990	395	3,769	George W. Neff...	J. H. Stewart, Charleston.
Wis ¹	5,681	95,845	1,256	3,842	3,722	8,194	J. S. Healy...	John D. Jones, Madison.
Wyo.	63	538	2	4,111	9	5,002	John T. Dallas...	A. W. French, Cheyenne.
Total....	37,687	430,191	14,604	355,423	32,242	460,794		

¹ August and September.

LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS.

LICENSES ISSUED.

License No.	Date.	Name and address of firm.	Product.
21	1923, Oct. 6	Continental Serum Laboratories Co., Isett Avenue, Muscatine, Iowa.	Abortus bacterin (bovine); anti-hog-cholera serum; anti-influenza mixed bacterin (equine); autogenous bacterin; blackleg agglutinin; blackleg filtrate; blackleg vaccine; colon bacterin (bovine); hemorrhagic-septicemia bacterin (for cattle); hemorrhagic-septicemia bacterin (for chickens); hemorrhagic-septicemia bacterin (for horses); hemorrhagic-septicemia bacterin (for sheep); hemorrhagic-septicemia bacterin (for swine); (hog-cholera virus) mastitis mixed bacterin (bovine); mixed infection bacterin (bovine); mixed infection bacterin (swine); navel-ill mixed bacterin (equine); polyvalent mixed bacterin (equine). Anti-swine erysipelas serum (for export purposes only).
107	Oct. 26	The Jensen-Salsbury Laboratories (Inc.), 520 West Pennway Avenue, Kansas City, Kans., and Shawnee Road and Forest Avenue, Rosedale, Kans.	
179	Oct. 18	The Columbus Vaccine Co., 9 West Poplar Street, Columbus, Ohio; mailing address, Station B.	Mixed infection bacterin (for fowls).

LICENSES TERMINATED.

United States veterinary license No. 17, issued on May 16, 1923, to the Beebe Laboratories, St. Paul, Minn., was terminated October 13, 1923, on account of its discontinuing production at 161 West Third Street.

United States veterinary license No. 21, dated January 1, 1921, issued to the Continental Serum Laboratories Co., Isett Avenue, Muscatine, Iowa, was terminated October 9, 1923, on account of changes made in the production of products in the establishment. United States veterinary license No. 21 was then issued to the Continental Serum Laboratories Co., as indicated in the foregoing.

United States veterinary license No. 120, dated September 11, 1922, issued to the United States Blackleg Serum Co., 1500 Pleasanton Road, San Antonio, Tex., was terminated October 4, 1923.

ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER U. S. VETERINARY LICENSE DURING OCTOBER, 1923.

Serum.			Virus.	
Ordinary.	Clear.	Total.	Simultaneous.	Hyperimmunizing.
<i>C. c.</i> 38,245,951	<i>C. c.</i> 20,762,986	<i>C. c.</i> 59,008,937	<i>C. c.</i> 7,144,219	<i>C. c.</i> 13,635,165

TEXAS-FEVER QUARANTINE—PLACES TO WHICH SOUTHERN CATTLE MAY BE SHIPPED FOR IMMEDIATE SLAUGHTER.

The following changes have been made in the list of places to which southern cattle may be shipped for immediate slaughter under State and Federal permission. (See circular letter of January 8, 1923.)

Permission Withdrawn:

MICHIGAN; *Detroit*.—W. B. Thompson; W. J. Kamman; Michigan Beef Co., and Kamman Beef Co.

OHIO; *Cleveland*.—Blumenstock Reid Co.; Henry Walcher; Hughes Provision Co.; Theurer-Norton Provision Co.; and J. J. Flick Dressed Beef Co. *West Toledo*.—N. Rassel Sons Co., and Stautzenbach, Bowers & Taylor. *West Mentor*.—W. B. Presley. *Ashtabula*.—F. C. Gerald.

CIVIL-SERVICE RULES REGARDING REINSTATEMENT.

The attention of the various bureaus, divisions, and offices is invited to the following Executive orders, dated September 28 and October 5, 1923, amending the civil service rules regarding reinstatement.

Executive order of September 28, 1923.

Civil service Rule IX, reinstatement, is hereby amended by inserting a new section (e) in paragraph 1, and by relettering the present section (e). As amended the last two sections of paragraph 1 of Rule IX, will read as follows:

(e) A former classified employee retired upon annuity under the act of May 22, 1920, by reason of total disability, who is eligible for reinstatement in his former department or office by reason of recovery and termination of annuity, shall also be eligible for reinstatement to an appropriate position in any part of the service, subject to the conditions and limitations of the Civil Service rules.

(f) No person in any of the foregoing groups may be reinstated to a position requiring an examination different from that required in the position from which he was separated without passing an appropriate examination.

Executive order of October 5, 1923.

Clause (a), section 1, of Rule IX, reinstatement, is hereby amended to read as follows:

(a) Unless otherwise provided hereinafter, a person may be reinstated only to the department or independent Government establishment from which separated and upon requisition made within one year from the date of his separation. When the commission and the appointing officer are in agreement that the public interest requires such unusual action, the commission may *allow reinstatement in any part of the classified service, and it may also authorize waiver of the one year limit herein prescribed under the following time limitations:* Two years where service has been two years but less than three years; three years where service has been three years but less than four years; four years where service has been four years but less than five years; and five years where service has been five years or more.

The amendment consists of the insertion of the italicized words, and is designed to permit the utilization of the training and experience acquired in any part of the classified service in any other part when action is necessary or advisable in the interests of the service.

RESULTS OF PROSECUTIONS FOR VIOLATION OF LAWS.

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

28-Hour Law.

Hocking Valley Railroad Co., \$100 fine.
Pennsylvania Railroad Co. (2 cases), \$200 fines.
Seaboard Air Line Railway Co., \$100 fine.

NEW PUBLICATIONS OF THE BUREAU.

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to officers in charge for distribution to members of their forces. The number of copies sent varies with the subject or nature of the publication and the number and class of employees. Officers in charge will use their judgment and distribute publications to best advantage. So far as possible additional copies will be furnished on request.]

Farmers' Bulletin 825. Pit Silos. Revised by W. H. Black, Animal Husbandry Division. Pp. 12, figs. 6.

Farmers' Bulletin 976. Cooling Milk and Cream on the Farm. (Revised.) By J. A. Gamble, formerly of the Dairy Division. Pp. 16, figs. 8.

Farmers' Bulletin 1085. Hog Lice and Hog Mange. (Revised.) By Marion Imes, Zoological Division. Pp. 28, figs. 11.

Farmers' Bulletin 1179. Feeding Cottonseed Products to Livestock. (Revised.) By E. W. Sheets and E. H. Thompson, Animal Husbandry Division. Pp. 20, figs. 3.

Farmers' Bulletin 1342. Dairy-Barn Construction. By K. E. Parks, Dairy Division. Pp. 22, figs. 17.



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